

MOBILE OBJECT WITH FORCE GENERATORS

Abstract: A mobile object being a vehicle of any type includes a plurality of force generators, enclosed in a hermetically sealed generator chamber filled with a pressurized gas, and a plurality of engines. Each force generator being a lift device comprises a rotor, which includes a shaft, a rotary shell having an open bottom, and a means supporting the gas in relative equilibrium inside said rotary shell, and a stationary means closing said open bottom of said rotary shell. The specific coordination of the members of said force generator supports the gas on the lower surfaces of the force generator in relative equilibrium and hence produces the maximum difference between the pressures of the gas acting on the lower and upper surfaces of said force generator, i.e. the maximum lift. The force generators, enclosed in said generator chamber, produce the self-action force of said mobile object in accordance with the self-action principle of a solid-fluid body that has been established recently. By controlling the direction of the shafts and angular velocities of the force generators the mobile object can accelerate momentarily in any direction in space. The enclosure of the force generators in the generator chamber makes the self-action force of the mobile object independent of outer environment surrounding it. Any source of energy can be used for self-propulsion of the mobile object due to the direct conversion of the rotational energy into the self-action force without the use of material jets, reactive or external forces.